

CONFIGURABLE CIRCUIT BOARD AND FABRICATION METHOD

ABSTRACT OF THE INVENTION

Circuit boards capable of receiving different sets
5 of electrical devices are fabricated from raw boards of
the same type by forming respective networks of electri-
cally conductive traces with a common layout on the raw
boards, including open circuits within the networks.
Electrical device receivers and controllers are then
10 loaded on the boards, and some of the open circuits are
closed such that some of the boards have different pat-
terns of closed circuits and thereby different intercon-
nections. Some of the receivers can accommodate two dif-
ferent types of electrical devices, with some of the
15 boards configured to support one type and the others an-
other type. The loading of receivers and controllers,
and the closing of open circuits, can be performed simul-
taneously with the placement of zero ohm resistors used
for circuit closings. Numerous different circuit board
20 configurations can thus be supported from a common supply
of raw boards.